

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L3    | 2    | duplex near<br>method and nitrid<br>\$3 and grain   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/05/09<br>14:52 |
| L7    | 357  | nitrid\$4 same<br>layer same grain<br>same surface<br>same (nm or micro<br>\$4 or sub near<br>micrometer) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/05/09<br>14:58 |
| L8    | 67   | i7 and sinter\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/05/09<br>14:59 |
| L9    | 14   | i7 and sinter\$4<br>and cr  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/05/09<br>15:03 |
| L10   | 6    | "6413061"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/05/09<br>15:17 |
| S1    | 1    | 10/576479   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/04/29<br>18:10 |
| S2    | 2    | JP-05279814\$   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/05/08<br>13:46 |

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| S3  | 2   | JP-06299284\$  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>13:46 |
| S4  | 96  | (hirose near<br>masahito).in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:10 |
| S5  | 11  | S4 and nitriding   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:10 |
| S7  | 150 | sinter\$3 and nitrid<br>\$3 and steel same<br>Cr same layer and<br>wear near resistan<br>\$4 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:13 |
| S9  | 23  | S7 and (grain or<br>protrusion) and<br>diffus\$4 same<br>layer                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:15 |
| S10 | 487 | 419/13   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:31 |
| S11 | 350 | S10 and nitrid\$4<br>and sinter\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:32 |
| S14 | 18  | S11 and steel<br>same Cr   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:35 |

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| S15 | 49  | (ezumi near mototaka).in.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:38 |
| S16 | 9   | S15 and nitrid\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:38 |
| S17 | 163 | (hiroyuki near fukuhara).in.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:41 |
| S18 | 1   | S17 and nitrid\$4 and sinter\$4 and steel same Or                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:42 |
| S19 | 7   | S17 and nitrid\$4 and sinter\$4   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>14:43 |
| S20 | 150 | sinter\$3 and nitrid \$3 and steel same Or same layer and wear near resistn \$4 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>15:59 |
| S21 | 91  | S20 and grain   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>15:59 |
| S22 | 1   | wo-1990011156\$   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>16:42 |

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| S23 | 267 | 75/242  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>16:45 |
| S24 | 69  | S23 and nitrid\$4<br>and sinter\$4 and<br>(grain or<br>protrusion) and Cr   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>16:45 |
| S25 | 121 | 148/218   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>17:19 |
| S26 | 0   | S25 and sinter\$4<br>and nitrid\$4 and<br>Cr same steel   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>17:22 |
| S27 | 6   | S25 and sinter\$4<br>and nitrid\$4 and<br>Cr  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>17:22 |
| S28 | 43  | sinter\$4 and gas<br>near Nitrid\$4 and<br>steel and surface<br>same layer and<br>(grain or<br>protrusion) and Cr | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/05/08<br>18:00 |

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